

What is claimed is:

1. A reception system comprising:

a receiving section which receives a transport stream transmitted from a transmission system that produces and transmits the transport stream, the transport stream being produced by multiplexing compression coded contents of a program, and electronic program guide information including program specific information having at least an NIT, a PAT, and a PMT, and service information having at least an SDT and an EIT;

a PID designating section which can designate a PID of a packet other than an NIT packet in the electronic program guide information, as a PID of a replace packet (hereinafter, referred to as replace PID);

a replace PID storing device which stores the replace PID;

an SIT producing section which produces an SIT packet from the service information in the received transport stream; and

a packet extracting and replacing section which can replace a replace packet indicated by said replace PID storing device, and the NIT packet with the SIT packet.

2. A reception system according to claim 1, wherein said transmission system produces a dummy packet for replacement, and inserts the dummy packet into the transport stream, and

said PID designating section designates a PID of the dummy packet (hereinafter, referred to as dummy PID) as the replace PID.

3. A reception system according to claim 1, wherein said transmission system produces interval information of the SIT packet, and transmits the interval information of the SIT packet with adding the interval information to the electronic program guide information, and

said PID designating section designates the replace PID with reference to the interval information of the SIT packet.

4. A reception system according to claim 3, wherein the designated replace PID is a PID of a packet having contents of an unrecord program (hereinafter, referred to as unrecord PID), or an EIT PID or an SDT PID,

said packet extracting and replacing section includes a PID filter and an SIT packet replacing device, and said PID filter can extract a packet having the designated replace PID and contents of an unrecord program.

5. A reception system according to claim 1, wherein said PID designating section designates a PID of a packet having contents of an unrecord program (hereinafter, referred to as unrecord PID), or an EIT PID or an SDT PID, and

said packet extracting and replacing section selects the replace packet from packets having the designated replace PID with reference to given interval information of the SIT packet, and actually replaces the selected packet with the SIT packet.

6. A digital broadcasting system comprising:

a transmission system which produces and transmits a

transport stream, the transport stream being produced by multiplexing compression coded contents of a program, and electronic program guide information including program specific information having at least an NIT, a PAT, and a PMT, and service information having at least an SDT and an EIT; and

a reception system having: a receiving section which receives the transport stream transmitted from said transmission system; a PID designating section which can designate a PID of a packet other than an NIT packet in the electronic program guide information, as a PID of a replace packet (hereinafter, referred to as replace PID); a replace PID storing device which stores the replace PID; an SIT producing section which produces an SIT packet from the service information in the received transport stream; and a packet extracting and replacing section which can replace a replace packet indicated by said replace PID storing device, and the NIT packet with the SIT packet.

7. A program recording medium which stores a program for causing a computer to execute a whole or a part of functions of a whole or a part of means according to any one of claims 1 to 6.

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